

CUSTOMER NO. 00270

cgc

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number

Patent No. 6,848,299, Serial No. 10/630,072

Filing Date

07/30/2003

First Named Inventor

Frank Paul et al.

Art Unit

2856

Examiner Name

D. Larkin

Attorney Docket Number

NSH2USA

**ENCLOSURES (Check all that apply)**

- ☐ Fee Transmittal Form  
☐ Fee Attached  
☐ Amendment/Reply  
☐ After Final  
☐ Affidavits/declaration(s)  
☐ Extension of Time Request  
☐ Express Abandonment Request  
☐ Information Disclosure Statement

- ☐ Drawing(s)  
☐ Licensing-related Papers  
☐ Petition  
☐ Petition to Convert to a Provisional Application  
☐ Power of Attorney, Revocation  
☐ Change of Correspondence Address  
☐ Terminal Disclaimer  
☐ Request for Refund  
☐ CD, Number of CD(s) \_\_\_\_\_  
☐ Landscape Table on CD

- ☐ After Allowance Communication to TC  
☐ Appeal Communication to Board of Appeals and Interferences  
☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  
☐ Proprietary Information  
☐ Status Letter  
☒ Other Enclosure(s) (please identify below):  
- Request for Certificate of Correction

- ☐ Certified Copy of Priority Document(s)  
☐ Reply to Missing Parts/ Incomplete Application  
☐ Reply to Missing Parts under 37 CFR 1.52 or 1.53

Remarks

**Certificate****MAY 20 2005****of Correction****SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

Howson and Howson

Signature

Printed name

George A. Smith, Jr.

Date

05/12/2005

Reg. No.

24,442

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or printed name

George A. Smith, Jr.

Date

05/12/2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**MAY 24 2005**



NSH2USA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of : Group Art Unit: 2856  
Frank Paul et al. :  
Serial No.: 10/630,072 :  
Filed: 07/30/2003 :  
Patent No.: 6,848,299 :  
Issued: February 1, 2005 :  
For: QUARTZ CRYSTAL MICROBALANCE :  
WITH FEEDBACK LOOP FOR :  
AUTOMATIC GAIN CONTROL :

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION  
UNDER 35 U.S.C. §254

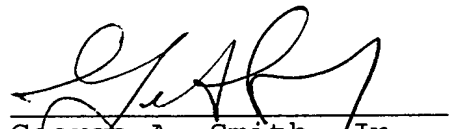
Sir:

Applicant requests a Certificate of Correction of the above-identified patent to correct the error listed on the attached form PTO/SB/44.

Because this error is due to a Patent and Trademark Office mistake, no fee is due.

Respectfully submitted,  
HOWSON AND HOWSON

By

  
George A. Smith, Jr.  
Registration No. 24,442  
Box 457  
Spring House, PA 19477  
Telephone 215-540-9200  
Facsimile 215-540-5818

MAY 24 2005

# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

PATENT NO. : 6,848,299

DATED : February 1, 2005

INVENTOR(S) : Frank Paul, Karl Pavey, Richard C. Payne

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, line 63,  $\Delta F = F_0^{3/2}(\eta_L \rho_L / \pi \mu_0 \rho_0)^{1/2}$  should read  $\Delta F = -F_0^{3/2}(\eta_L \rho_L / \pi \mu_Q \rho_Q)^{1/2}$

## MAILING ADDRESS OF SENDER:

Howson and Howson  
Box 457  
Spring House, PA 19403

PATENT NO. 6,848,299

No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

MAY 24 2005